

10/524182
5 Rec'd PCT/PTO 10 FEB 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Doc

WILLIAM REDMAN-WHITE ET AL

US020297

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

VARIABLE GAIN AMPLIFIER WITH IMPROVED CONTROL CHARACTERISTICS
LINEARITY

Commissioner for Patents
Alexandria, VA 22313-1450

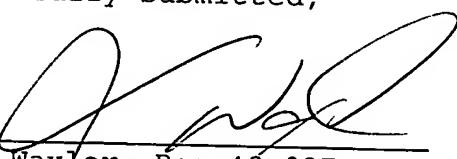
LETTER

Sir:

Applicants call to the attention of the Patent and Trademark Office a Search Report issued abroad in reference to a corresponding foreign application. A copy of the Search Report dated June 29, 2004 is attached.

An Information Disclosure Statement under 37 CFR 1.56 is not being filed because the Search Report indicates only "A" references, which the Search Report states are "documents defining the general state of the art which is not considered of particular relevance". The enclosed Search Report is not intended to be construed as an admission by the Applicant(s) that any of the references cited therein is material.

Respectfully submitted,

By 
Aaron Waxler, Reg. 48,027
Attorney
(914) 333-9608

Encl. Search Report

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHUS020297WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IB 03/03512	International filing date (day/month/year) 08/08/2003	(Earliest) Priority Date (day/month/year) 12/08/2002
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. **Certain claims were found unsearchable** (See Box I).

3. **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

2 _____

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/03512

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	H03G1/00	H03F1/32	H03F1/30	H03F3/30
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03G H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) & JP 2001 244766 A (ALPS ELECTRIC CO LTD), 7 September 2001 (2001-09-07) abstract</p> <p>-----</p> <p>PATENT ABSTRACTS OF JAPAN vol. 0021, no. 30 (E-068), 28 October 1978 (1978-10-28) & JP 53 098759 A (MATSUSHITA ELECTRIC IND CO LTD), 29 August 1978 (1978-08-29) abstract</p> <p>-----</p> <p style="text-align: right;">-/--</p>	1,10
A		1,10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

- A* document defining the general state of the art which is not considered to be of particular relevance
- E* earlier document but published on or after the international filing date
- L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O* document referring to an oral disclosure, use, exhibition or other means
- P* document published prior to the international filing date but later than the priority date claimed

- T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- &* document member of the same patent family

Date of the actual completion of the international search

10 June 2004

Date of mailing of the international search report

29/06/2004

Name and mailing address of the ISA

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Authorized officer

Blaas, D-L

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/03512

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 485 092 A (PHILIPS ELECTRONIC ASSOCIATED) 8 September 1977 (1977-09-08) column 1, line 61 - line 94 column 2, line 2 - column 2, line 85; figure 1 -----	1
A	US 3 512 096 A (AOKI NOBUHIKO ET AL) 12 May 1970 (1970-05-12) column 3, line 42 - column 4, line 21; figure 2 -----	1, 10
A	US 6 049 251 A (MEYER ROBERT GODFREY) 11 April 2000 (2000-04-11) column 3, line 29 - column 4, line 38; figures -----	1, 10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/03512

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 2001244766	A	07-09-2001	NONE		
JP 53098759	A	29-08-1978	JP JP	1162938 C 57055241 B	10-08-1983 22-11-1982
GB 1485092	A	08-09-1977	NL AR AU AU BE BR CA DE DK FR IT JP JP JP SE SE	7414217 A 209120 A1 500832 B2 8594375 A 835009 A1 7507059 A 1035018 A1 2546844 A1 484475 A 2290087 A1 1047244 B 1162085 C 51068156 A 57054002 B 416095 B 7512014 A	04-05-1976 31-03-1977 31-05-1979 28-04-1977 29-04-1976 03-08-1976 18-07-1978 06-05-1976 01-05-1976 28-05-1976 10-09-1980 10-08-1983 12-06-1976 16-11-1982 24-11-1980 03-05-1976
US 3512096	A	12-05-1970	NONE		
US 6049251	A	11-04-2000	CA EP JP WO	2324109 A1 1066683 A1 2002510888 T 9950956 A1	07-10-1999 10-01-2001 09-04-2002 07-10-1999